



SEER Summary Stage 2018 compared to AJCC TNM

General Guidelines

- SS2018 updated based on AJCC 6th - 8th editions
- Differences
 - Some descriptions of extension, nodal involvement that is **REGIONAL** (T or N) in AJCC may be **DISTANT** in SEER Summary Stage 2018
 - If a lymph node cannot be found in localized (code 1) or regional (codes 2-3), then review distant (code 7)
- Differences exist because Summary Stage needs to be as stable as possible over time
 - AJCC applies the staging system only to the years that it is effective

Behavior

- Behavior 0 (Benign) and 1 (Borderline)
- Summary Stage **MUST** be 8
 - Only applies to Schemas: Brain, CNS, Intracranial Gland
- Behavior 2 (In situ)
- Summary Stage **MUST** be 0
- Behavior 3 (malignant)
- Summary Stage **MUST** be 1, 2, 3, 4, 7, 9

In Situ Tumors with Nodal or Other Mets

- If pathology report indicates in situ tumor **AND** evidence of positive lymph nodes or distant metastases
- Code to the regional nodes/distant metastases
- Note: For AJCC 8th edition, this would be an unknown stage; however, SS2018 would be staged according to the lymph node or distant metastasis*

Primary Site	Situation	AJCC TNM 8th edition	SEER Summary Stage 2018
Bladder	<ul style="list-style-type: none"> • Common Iliac Nodes <p><i>If the only information you have is "iliac nodes" involved, default to regional lymph nodes (code 3 or 4) for purposes of Summary Stage 2018</i></p>	N1, N2, N3	7-Distant
Breast	<ul style="list-style-type: none"> • Confined to breast tissue and fat including nipple and/or areola 	T1, T2, T3	1-Local

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AJCC staging criteria does not determine reportability

- AJCC considers Lobular carcinoma in situ (8520/2) a benign condition and no longer includes LCIS in the applicable histology list in the Breast chapter
 - LCIS is **STILL** reportable
 - Summary Stage is 0
- AJCC criteria no longer applies to in situ tumors in the Corpus Uteri, Ovary, Fallopian Tube, Primary Peritoneal and Gestational Trophoblastic Neoplasm chapters
 - In situ tumors of these GYN sites are **STILL** reportable
 - Summary Stage is 0
- Carcinoma in situ and adenocarcinoma in situ of the cervix are not reportable to MCR

Primary Site	Situation	AJCC TNM 8th edition	SEER Summary Stage 2018
Breast	<ul style="list-style-type: none"> • Attachment or fixation to pectoral muscle(s) or underlying tumor • Deep fixation or invasion of <ul style="list-style-type: none"> - Pectoral fascia or muscle(s) - Subcutaneous Tissue (Adherence to the pectoralis muscle is NOT extension to chest wall) • Local infiltration of dermal lymphatics 	T1, T2, T3	2-Regional
Breast	<ul style="list-style-type: none"> • Skin infiltration of primary breast including skin of nipple and/or areola • Invasion of (or fixation to) <ul style="list-style-type: none"> - Chest wall - Intercostal or serratus anterior muscle(s) - Ribs 	T4	2-Regional
Breast	<ul style="list-style-type: none"> • Inflammatory cancer 	T4a, T4b, T4c, T4d	2-Regional
Breast	<ul style="list-style-type: none"> • Isolated Tumor Cells 	N0(i+)	Counted as “none” in Summary Stage for Breast
Breast	<ul style="list-style-type: none"> • Supraclavicular Lymph Nodes 	N3c	7-Distant

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Cervical Lymph Nodes and Unknown Primary Tumor of the Head and Neck

Schema Discriminator 1: **Occult Head and Neck Lymph Nodes** (Code primary site to C760)

- No evidence of primary tumor found
- Positive cervical lymph nodes
- Levels I-VII, and other group (head and neck)
- Physician states head and neck primary tumor

If there is no evidence of metastatic disease

- Code 3 (Localized/Regional Lymph Nodes)
- **Note:** Since the extent of the primary tumor is not known, “default” to code 3
- Code 4 (regional tumor/regional lymph nodes) is not available for this chapter

If there is evidence of metastatic disease

- Code 7 (Distant)

Primary Site	Situation	AJCC TNM 8th edition	SEER Summary Stage 2018
Colon	<ul style="list-style-type: none"> • Intramucosal, NOS • Lamina propria • Mucosa, NOS • Confined to but not through muscularis mucosa 	TIS	1-Local
Colon	<ul style="list-style-type: none"> • Tumor invades the submucosa 	T1	1-Local
Colon	<ul style="list-style-type: none"> • Tumor invades the muscularis propria 	T2	1-Local
Colon	<ul style="list-style-type: none"> • Non-peritonealized pericolic tissues invaded 	T3	1-Local
Colon	<ul style="list-style-type: none"> • Adjacent (connective) tissue(s), NOS • Fat, NOS • Pericolic fat and Perirectal fat 	T3	2-Regional
Colon	<ul style="list-style-type: none"> • Tumor deposits (TD) in the <ul style="list-style-type: none"> - Subserosa - Mesentery - Mesorectal or nonperitonealized pericolic or perirectal tissues WITHOUT regional nodal metastasis 	N1c	3-Regional Lymph Nodes

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Primary Site	Situation	AJCC TNM 8th edition	SEER Summary Stage 2018
Colon	<ul style="list-style-type: none"> Tumor invades through the visceral peritoneum 	T4a	2-Regional
Colon	<ul style="list-style-type: none"> Tumor directly invades/adheres to bladder 	T4b	7-Distant
Esophagus	<ul style="list-style-type: none"> Mediastinal Nodes 	N1, N2, N3	7-Distant
Lung	<ul style="list-style-type: none"> Heart Inferior vena cava Neural foramina Vertebra(e) (vertebral body) Visceral pericardium 	T4	7-Distant
Lung	<ul style="list-style-type: none"> The following are assigned T based on size: <ul style="list-style-type: none"> - Adjacent rib - Rib - Skeletal muscle - Sternum 	T1, T2, T3, T4	7-Distant
Lung	<ul style="list-style-type: none"> Separate tumor nodules(s) in the same lobe as the primary 	T3	2-Regional
Lung	<ul style="list-style-type: none"> Separate tumor nodules(s) in a different ipsilateral lobe 	T4	7-Distant
Lung	<ul style="list-style-type: none"> Separate tumor nodules(s) in contralateral lung 	M1	7-Distant
Lung	<ul style="list-style-type: none"> Lymph Nodes <ul style="list-style-type: none"> - Bronchial (contralateral or bilateral) - Cervical, NOS (contralateral or bilateral) - Hilar (contralateral or bilateral) - Low Cervical - Mediastinal (contralateral or bilateral) - Proximal/Pulmonary root - Scalene - Sternal notch - Supraclavicular 	N3	7-Distant

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Lymphoma

- Primary Site is C421: Summary Stage is 7
- Primary Site is **not** C421 but **with Bone Marrow involvement**: Summary Stage is always 7

Melanoma of the Skin

- T based on **depth of invasion**
- Summary Stage based on **extent** of invasion
- Note:** An unknown primary melanoma with peripheral (regional) lymph nodes is coded as 3-Regional Lymph Nodes
- Primary site coded to C449

Merkel Cell Carcinoma

- T based on **diameter (size) of tumor**
- Summary Stage based on **extent** of invasion
- Note:** Indirect extension (non contiguous) is coded as 7-Distant

Primary Site	Situation	AJCC TNM 8th edition	SEER Summary Stage 2018
Melanoma Skin	<ul style="list-style-type: none"> Isolated Tumor Cells 	N1, N2, N3	3-Regional Lymph Nodes
Melanoma Skin	<ul style="list-style-type: none"> In-transit, satellite, and/or microsatellite metastasis WITHOUT involved regional lymph nodes 	N1c	3-Regional Lymph Nodes
Merkel Cell Carcinoma	<ul style="list-style-type: none"> In-transit, satellite, and/or microsatellite metastasis WITHOUT involved regional lymph nodes 	N2	3-Regional Lymph Nodes
Prostate	<ul style="list-style-type: none"> Bladder, NOS Bladder neck External sphincter Levator muscles Rectum 	T4	2-Regional
Prostate	<ul style="list-style-type: none"> Extension to or fixation to pelvic wall or pelvic bone Sigmoid colon Soft tissues other than extraprostatic Further contiguous extension Frozen pelvis, NOS 	T4	7-Distant
Vulva	<ul style="list-style-type: none"> Isolated Tumor Cells 	N0(i+)	Counted as "none" in Summary Stage for Vulva

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